



Ministry of
Northern Development
and Mines

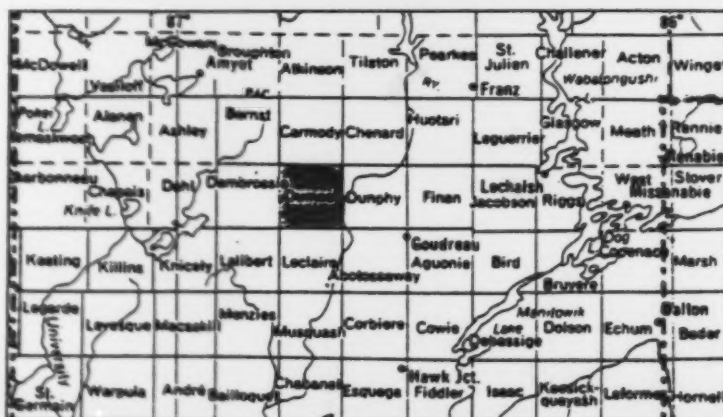
René Fontaine
Minister
George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY
GEOLOGICAL DATA INVENTORY FOLIO
GDIF 290

DUMAS TOWNSHIP

DISTRICT OF ALGOMA

Compiled by the staff of
the Resident Geologist's Office
Sault Ste. Marie



LOCATION MAP

Scale 1 : 1 013 760 or 1 inch to 16 miles

NTS Number 42 C/7

Mining Claim Map Number M - 1550

STATEMENT This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey

1986: Dumas Township, District of Algoma; Ontario Geological Survey Geological Data Inventory Folio 290, compiled by the staff of the Resident Geologist's Office, Sault Ste. Marie, 14 pages and 2 maps.

Original Compilation by: **Tim Howson**

Date	Page Revised	Revised by

Date	Page Revised	Revised by

DUMAS TOWNSHIP

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ACCOMPANYING MAPS

Property Location Map - 1 map

Exploration Data Map - 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL	CONVERSION FROM IMPERIAL TO SI
SI Unit Multiplied by Gives	Imperial Unit Multiplied by Gives

LENGTH

1 mm	0.039 37	inches	1 inch	25.4	mm
1 cm	0.393 70	inches	1 inch	2.54	cm
1 m	3.280 84	feet	1 foot	0.304 8	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	1.609 344	km

AREA

1 cm ²	0.155 0	square inches	1 square inch	6.451 6	cm ²
1 m ²	10.763 9	square feet	1 square foot	0.092 903 04	m ²
1 km ²	0.386 10	square miles	1 square mile	2.589 988	km ²
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha

VOLUME

1 cm ³	0.061 02	cubic inches	1 cubic inch	16.387 064	cm ³
1 m ³	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m ³
1 m ³	1.308 0	cubic yards	1 cubic yard	0.764 555	m ³

CAPACITY

1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	4.546 090	L

MASS

1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	0.453 592 37	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t

CONCENTRATION

1 g/t	0.029 166 6	ounce (troy)/ton (short)	1 ounce (troy)/ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ton (short)	1 pennyweight/ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram (g) per tonne is equivalent to one part per million (1 ppm).

NOTE—Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

SOURCES OF DATA		Data	Initial
1	Resident Geologist's Office Files	Yes	T.H.
2	Assessment Files Research Office, Toronto	Yes	A.F.R.O.
3	ODM General Index; 9 Volumes	No	T.H.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	T.H.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	No	T.H.
6	ODM Industrial Mineral Reports	No	T.H.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	T.H.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	No	T.H.
9	Newspaper Clippings File	No	T.H.
10	GSC Index to Publications	Yes	T.H.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	No	T.H.
12	OGS Index Maps	Yes	T.H.
13	Source Mineral Deposit Records (O.G.S.)	No	T.H.
14	Author - Subject Articles File	No	T.H.
15	Miscellaneous Papers: ODM & OGS	No	T.H.
16	ODM Geological Circulars: OGS Study Series	No	T.H.
17	ODM Preliminary Reports: ODM Bulletins	No	T.H.
18	ODM - OGS Open File Reports	Yes	T.H.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	T.H.
20	OGS Aggregate Resources Inventory Papers	No	T.H.
21	OGS Mineral Potential Maps	Yes	T.H.
22	Algoma Central Railway Map	Yes	T.H.

METALS AND MINERALS REFERENCES LIST

Δ anh. Anhydrite	Δ fu. Fuchsite	Δ Ni. Nickel	Δ st. Stone
Δ ank. Ankerite	Δ gn. Galena	Δ Nb. Niobium	Δ talc. Talc
Δ anna. Annabergite	Δ gt. Garnet	Δ Pd. Palladium	Δ Te. Tellurium
Δ ap. Apatite	Δ goe. Goethite	Δ peat. Peat	Δ td. Tetrahedrite
Δ arg. Argentite	Δ Au. Gold	Δ pent. Pentlandite	Δ th. Thorite
Δ As. Arsenic	Δ gf. Graphite	Δ Pt. Platinum	Δ Th. Thorium
Δ asp. Arsenopyrite	Δ gl. Gravel	Δ py. Pyrite	Δ thuc. Thucholite
Δ asb. Asbestos	Δ gyp. Gypsum	Δ pvl. Pyrochlore	Δ ti. Titanite
Δ ba. Barite	Δ hem. Hematite	Δ pyl. Pyrolusite	Δ Ti. Titanium
Δ be. Beryl	Δ il. Ilmenite	Δ pyr. Pyrrhotite	Δ tour. Tourmaline
Δ Bi. Bismuth	Δ Fe. Iron	Δ q. Quartz	Δ trap. Trap rock
Δ bn. Bornite	Δ IF. Iron Formation	Δ qcv. Quartz carbonate vein	Δ W. Tungsten
Δ bran. Brannerite	Δ jas. Jasper	Δ ra. Radioactive minerals	Δ uran. Uraninite
Δ bruc. Brucite	Δ kaol. Kaolinite (kaolin)	Δ RE. Rare Earths	Δ U. Uranium
Δ Cd. Cadmium	Δ ky. Kyanite	Δ sd. Sand	Δ verm. Vermiculite
Δ calc. Calcite	Δ Pb. Lead	Δ sgl. Sand and gravel	Δ Y. Yttrium
Δ carb. Carbonate	Δ lim. Limonite	Δ ss. Sandstone	Δ Zn. Zinc
Δ cel. Celestite	Δ Li. Lithium	Δ scap. Scapolite	Δ zr. Zircon
Δ cc. Chalcocite	Δ mgst. Magnesite	Δ shee. Scheelite	
Δ cp. Chalcopyrite	Δ mag. Magnetite	Δ serp. Serpentine	
Δ ch. Chert	Δ mc. Malachite	Δ sh. Shale	
Δ clay. Clay	Δ Mn. Manganese	Δ sid. Siderite	
Δ Co. Cobalt	Δ mb. Marble	Δ si. Silica	
Δ cob. Cobaltite	Δ mar. Marcasite	Δ Ag. Silver	
Δ cb. Columbite	Δ ma. Marl	Δ sl. Slate	
Δ Cu. Copper	Δ mi. Mica	Δ sm. Smaltite	
Δ cor. Corundum	Δ ml. Millerite	Δ sod. Sodalite	
Δ dol. Dolomite	Δ mo. Molybdenite	Δ spec. Specularite	
Δ ep. Epidote	Δ Mo. Molybdenum	Δ sp. Sphalerite	
Δ ery. Erythrite	Δ mon. Monazite	Δ spd. Spodumene	
Δ fel. Feldspar	Δ ne. Nephelite (nepheline)	Δ staur. Staurolite	
Δ fl. Fluorite (fluorspar)	Δ nc. Niccolite	Δ stib. Stibnite	

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES			Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Map Ref. Letter	Name(s)	Mineralization			
A	Unnamed Occurrence	Cu			-file Dumas 0010-A1 -showing No. 3 on ACR Map -OGS Prelim. Map P.640

DUMAS TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																GDI FORM NO. 1		
		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY		COMPILATION MAP	
1	Algoma Central Railway McAuley, T.N. (Dumas 0010-A1) Umex (Abotossaway 0029-A1)	63				63												74		
2	Godin R. (Dumas 0010-B1)			67																

DRILLHOLE SUMMARY		Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
Map Drilling Location Number	Company Name								

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA			Flight Line Altitude	Flight Line Direction	Flight Line Spacing
No.	By For	Type of Survey			

GDIT FORM NO. 1

GEOCHEMICAL SURVEY DATA			Reference
Map Sample Site Reference Number	Type of Survey	Analysis For	
1	Lake Sediment and Water Geochemical	Zn, Cu, Pb, Ni, Co, Ag, Mn, As, Mo, Fe, U, F	OGS OFR 5267
			OGS-GSC 1979

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

NEWSPAPER CLIPPINGS FILE

NOTE. A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Sault Ste. Marie

ODM GENERAL INDEX SEARCH

Words searched:

Township 29, Range 27

Dumas Township

Davies Lake

Sutherland Lake

Index Volume	Listing:	Report Volume	Part	Page
I	no listings			
II	no listings			
III	no listings			
IV	no listings			
V	no listings			
VI	no listings			
VII	no listings			
VIII	no listings			
IX	no listings			

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

SELECTED REFERENCES			Reference	Map Scales and/or Report Pages
Author	Date	Title		
Algoma Central Railway	1964	Wawa - Goudreau Sheet	Map 42C 2&7	1" to 1 mi.
Bell, R.	1899	Michipicoten District	GSC Sum. Rpt. 1898 (Vol. XI pt.A)	p.99-106
Bell, R.	1901	Michipicoten District	GSC Sum. Rpt. 1900 (Vol. XIII, pt.A)	p. 109-121
Collins, W.H., and Quirke, T.T., and Thomson, Ellis	1926	Michipicoten Iron Ranges	GSC Mem. 147 with GSC maps 1972, 2050	175 pages 1" to 1 mi.
Gartner, J.F. and McQuay, D.F.	1979	Goudreau Area, Northern Ontario Geology Terrain Study	NOEGTS Study 73 with Map 5097	14 pages 1:100 000
Goodwin, A.M.	1963	Michipicoten Area	OGS Prelim. Map P.184	1" to 2 mi.
Leahy, E.J., Rupert, R.J., Giblin, P.E., and Giguere, J.F.	1971	Wawa Sheet	OGS Prelim. Map P.640	1" to 2 mi.
ODM-GSC	1963	Aeromagnetic Map: Goudreau	Map 2193G	1" to 1 mi.
OGS-GSC	1979	Regional Lake Sediment and Water Geo-chemical Reconnaissance Data Eastern Shore Lake Superior	OGS Open File Rpt. 5267 and 16 maps	83 pages 1:250 000

Author	Date	SELECTED REFERENCES		Reference	Map Scales and/or Report Pages
		Title			
Springer, Janet	1977	Ontario Mineral Potential, White River Sheet		OGS Prelim. Map P.1519	1:250 000
Thomson, Ian	1980	Acid Lakes North of Lake Superior: Integrated Studies in the Wawa Area, Dist. of Alg., to examine the effects of acid precipitation		MP 96 Geochem No. 21 Sum. of field work by OGS	p.140-144
V.G. Milne et al	1972	Manitouwadge - Wawa Sheet		Map 2220	1" to 4 mi.

NOTES AND ADDENDA

-Dumas Township was formerly known as Township 29, Range 27.

-Brief computer based index level data files pertaining to mineral occurrences in this township or area can be found in:

1. Rose, D.G.

1985: Mineral Inventory of the Sudbury - Timmins - Sault
Ste. Marie Region, Ontario; Geological Survey
Canada Open File 1087.

★ 1 — Whole twp.

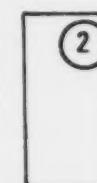
CARMODY TOWNSHIP

DAMBROSSIO TOWNSHIP

DUNPHY TOWNSHIP

84° 41' 00"
48° 21' 30"

84° 47' 00"
48° 17' 30"



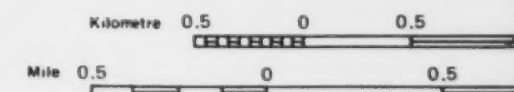
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ONTARIO GEOLOGICAL SURVEY
PROPERTY LOCATION MAP
GEOLOGICAL DATA INVENTORY FOR
(Map 1 of 2)

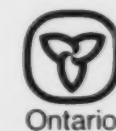
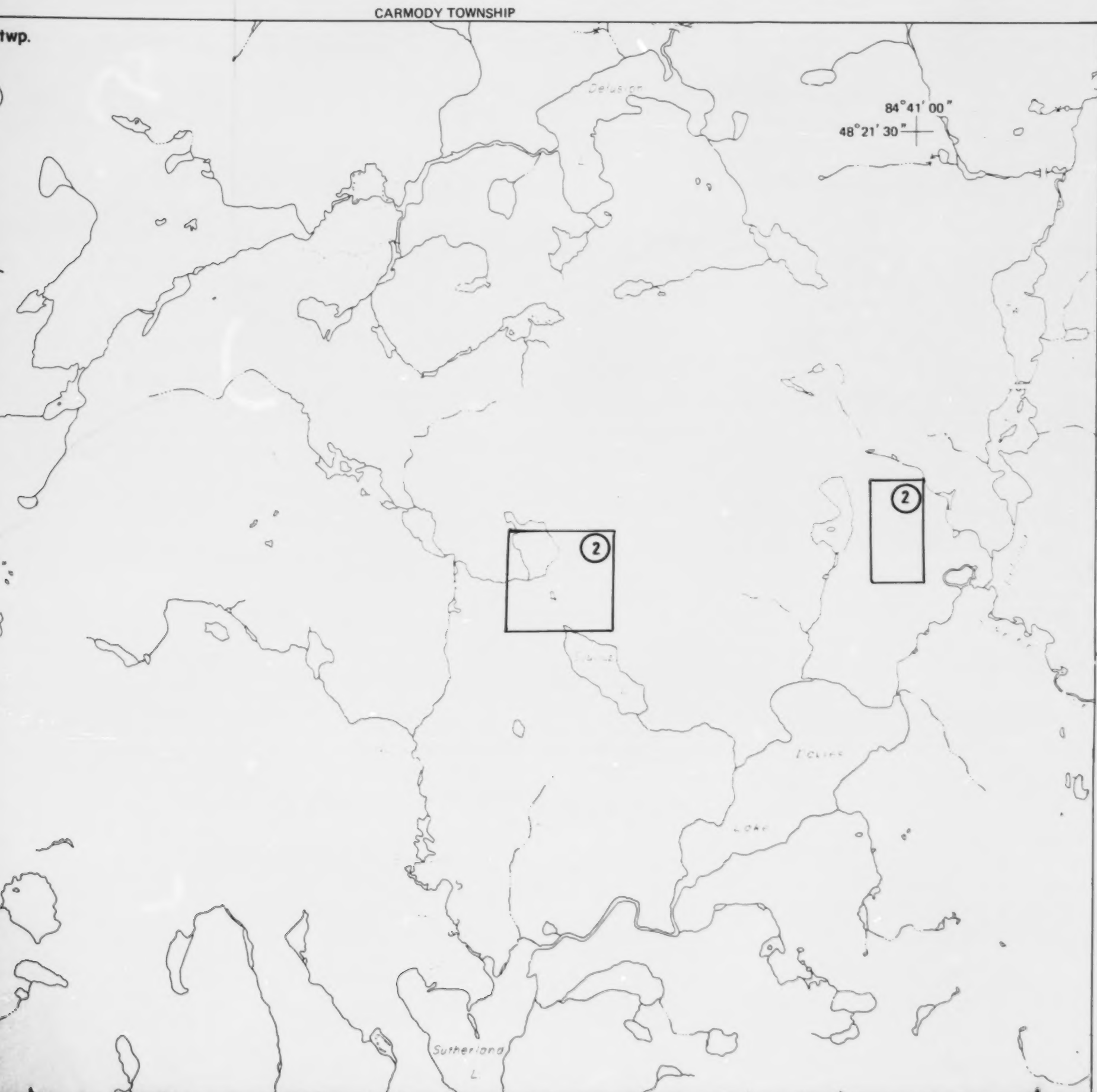
DUMAS TOWN

DISTRICT OF ALGOMA

Scale 1:31 680



EXPLORATION DATA FILE



Ministry of
Northern Development
and Mines

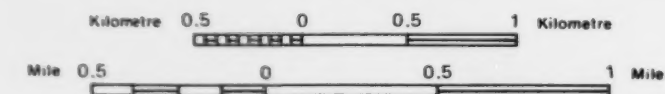
René Fontaine
Minister
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ONTARIO GEOLOGICAL SURVEY
PROPERTY LOCATION MAP
GEOLOGICAL DATA INVENTORY FOLIO 290
(Map 1 of 2)

DUMAS TOWNSHIP

DISTRICT OF ALGOMA

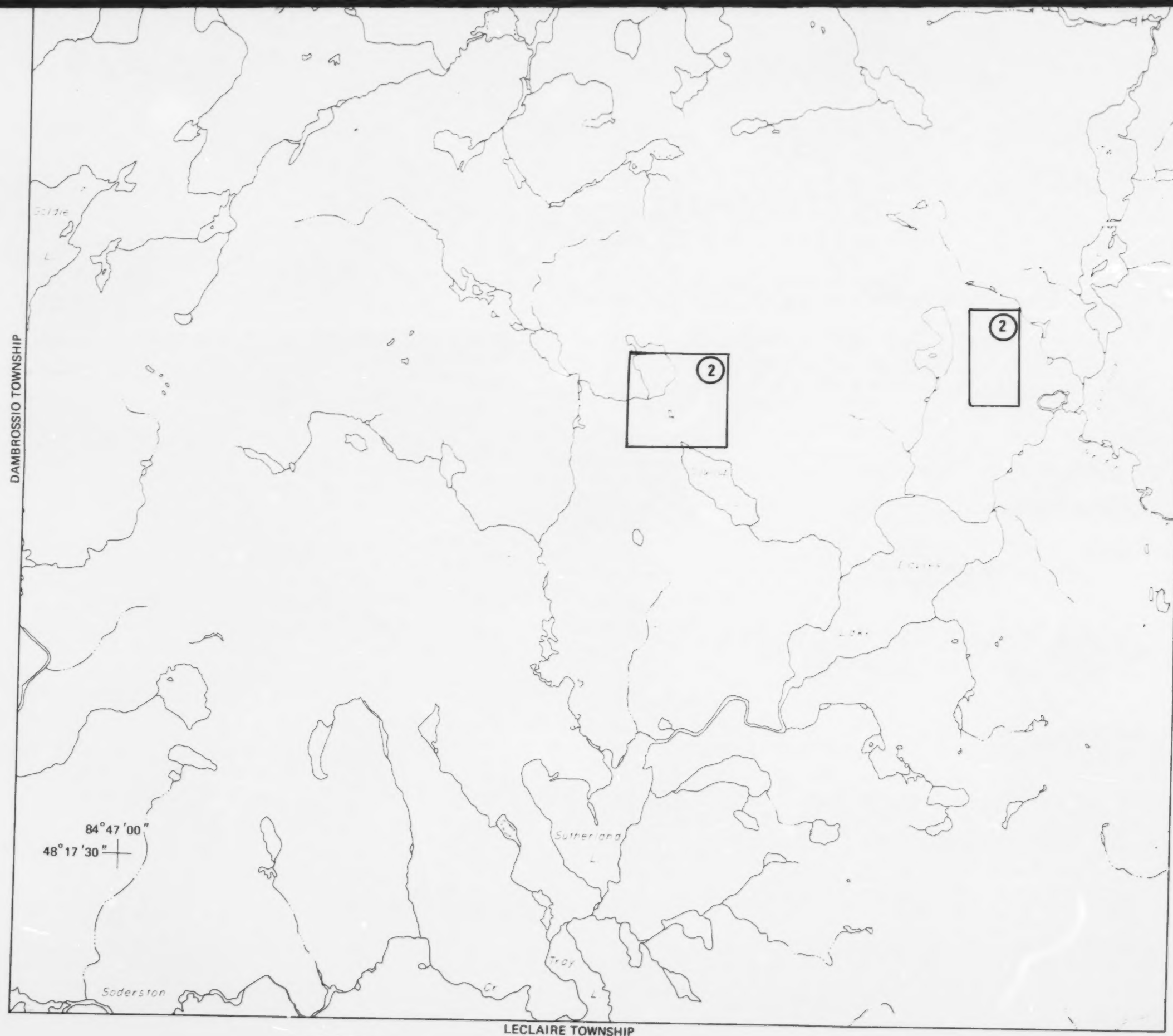
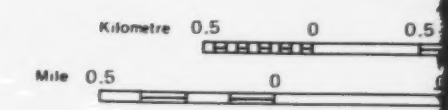
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DUMAS TOV

DISTRICT OF AL

Scale 1:31 680



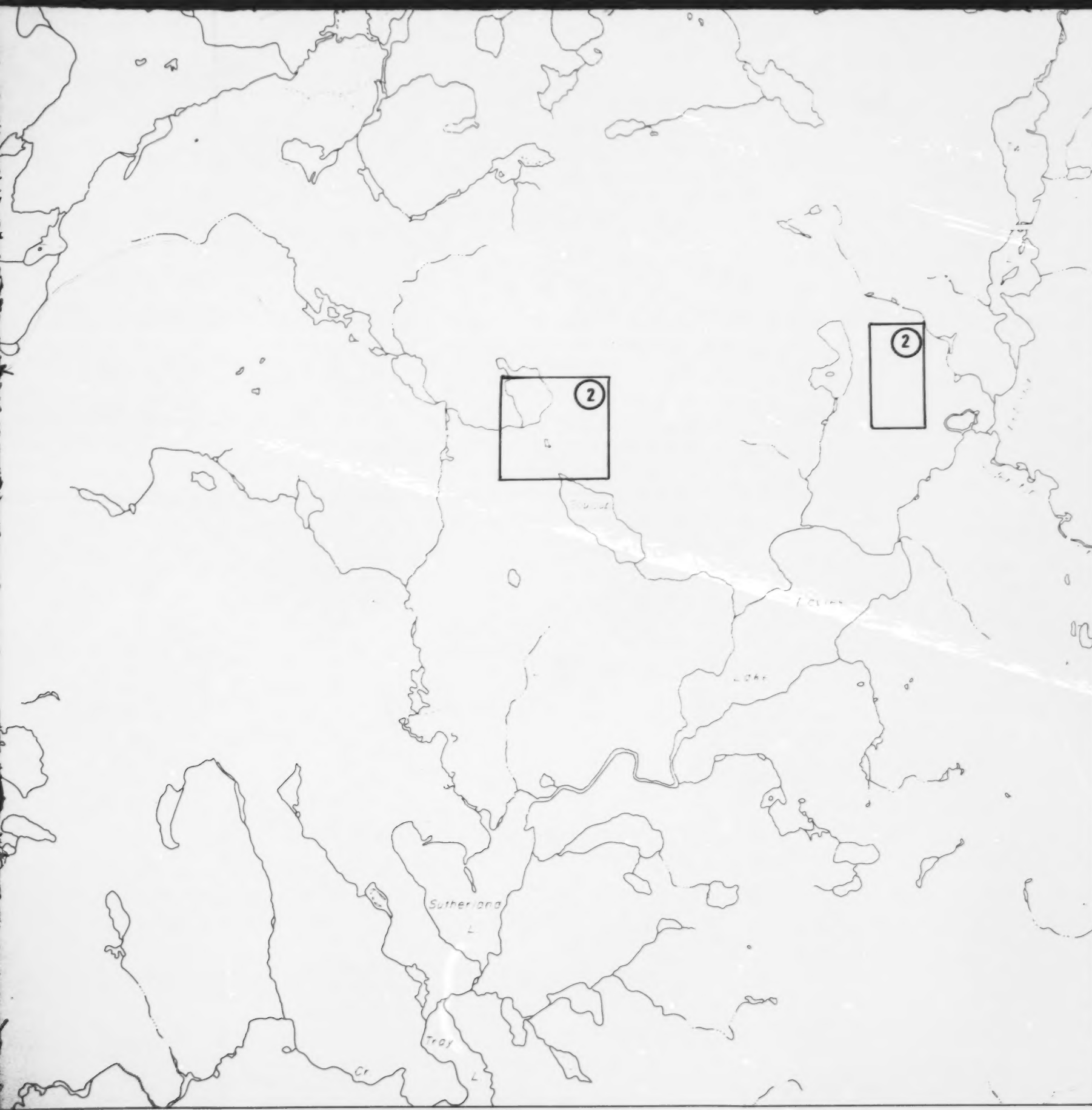
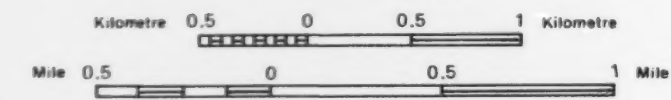
EXPLORATION DATA

- Reference number is always See listing in text pages.
- Small area exploration.

DUMAS TOWNSHIP

DISTRICT OF ALGOMA

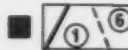
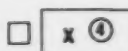
Scale 1:31 680



DUNPHY TOWNSHIP

LECLAIRE TOWNSHIP

EXPLORATION DATA FILE AREAS

-  Reference number is always inside work area outlined. See listing in text pages.
-  Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- ☒  Geochemical sample site, with reference number
- ☐  Area of geochemical sampling, with reference number
- ☐  Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

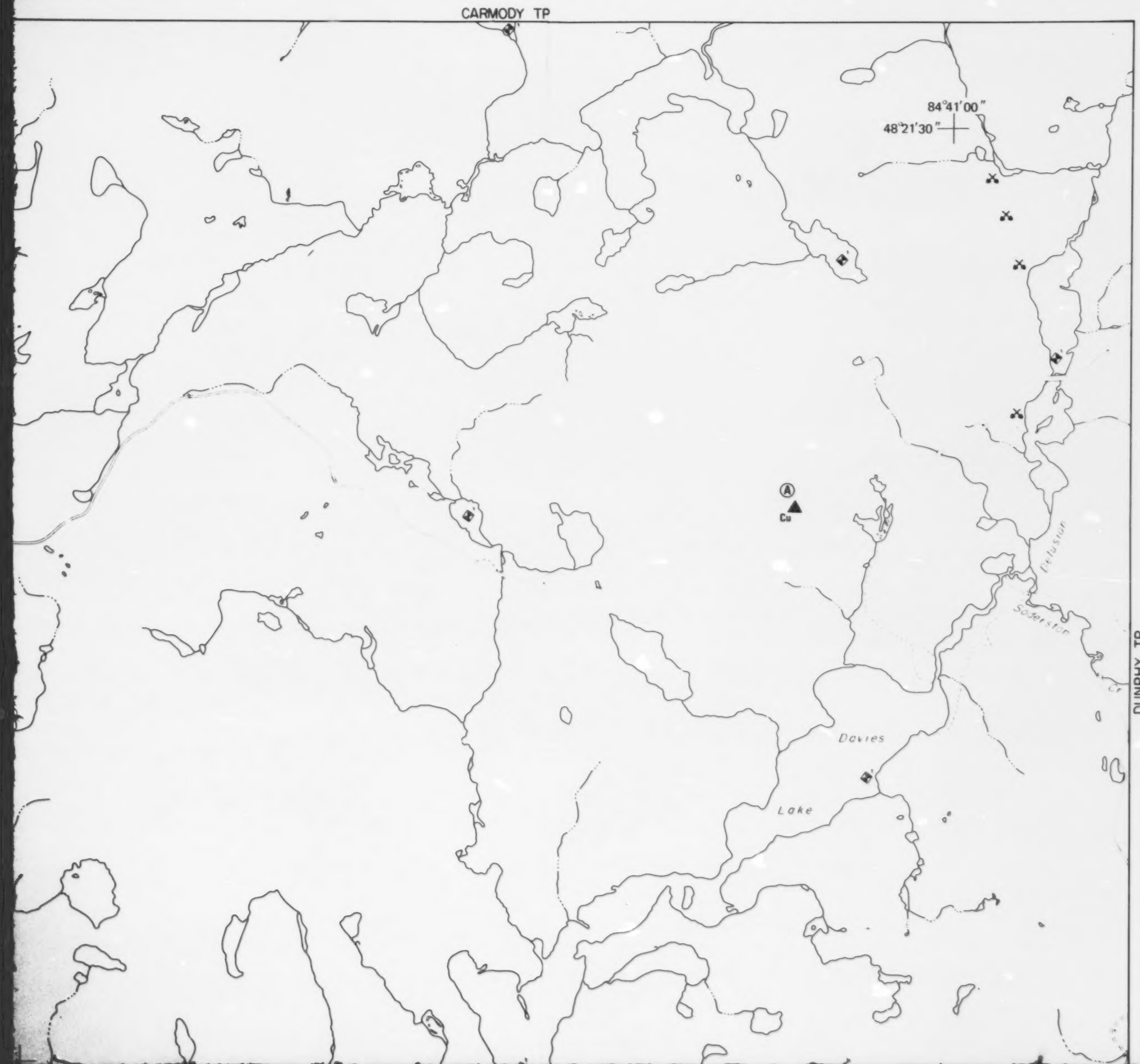
- ☐  Airborne magnetic anomaly
- ☐  Airborne electromagnetic anomaly
Length of anomaly along flight line
- ☐  Airborne electromagnetic anomaly
Location of anomaly along flight line
- ☐  Airborne electromagnetic anomaly
Conductor axis: definite, probable, possible
- ☐  Airborne radiometric anomaly
- ☐  Ground magnetic anomaly
- ☐  Ground electromagnetic anomaly
(VL - Vertical loop; HL - Horizontal loop;
VLF - Very low freq; Turam; JEM -
Crone Em - 16)
- ☐  Ground radiometric anomaly
- ☐  Induced polarization anomaly
- ☐  Self potential anomaly
- ☐  Audio-frequency magnetic anomaly
(total intensity)
- ☐  Resistivity anomaly
- ☐  Gravity anomaly

MISCELLANEOUS DATA

- ☐  Trenching, pit
- ☐  Adit
- ☐  Rock quarry
- ☒  Sand and/or gravel pit



GD 1E 730



Ministry of
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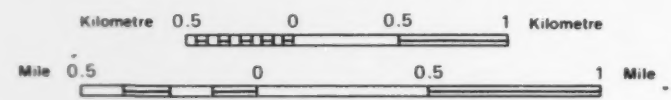
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ONTARIO GEOLOGICAL SURVEY
EXPLORATION DATA MAP
GEOLOGICAL DATA INVENTORY FOLIO 290
(Map 2 of 2)

DUMAS TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680



GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized float with reference letter

DRILLHOLE

- Location of single drillhole, with reference number
- Location of closely spaced group of drillholes, with reference number
- Drillhole, exact location uncertain, with reference number

□ * Age dating material sampling site, with reference number

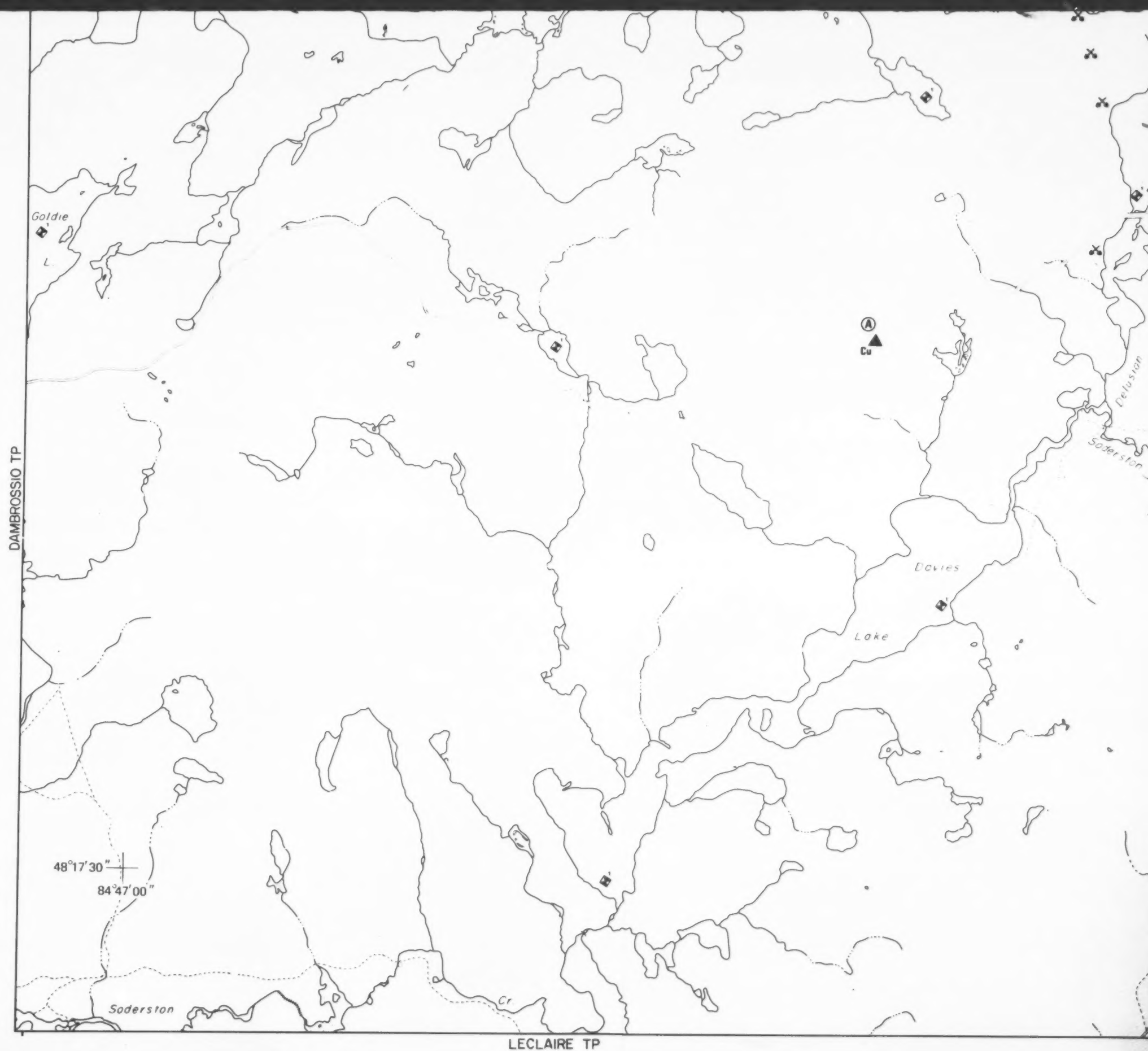
GEOPHYSICAL ANOMALIES

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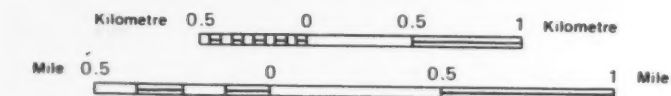
NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



DUMAS TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680



GEOLOGICAL AND MINING SYMBOLS

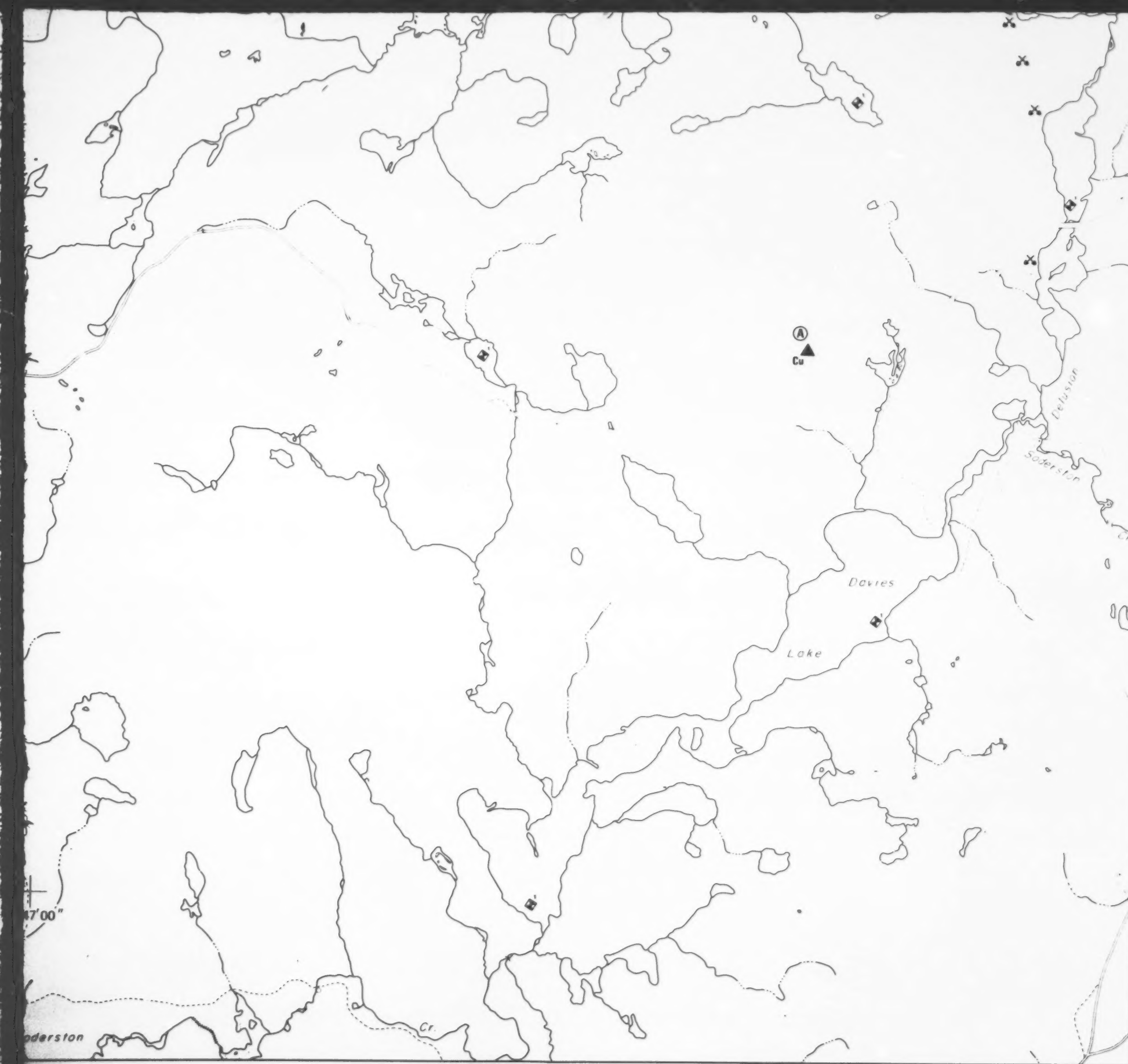
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DRILLHOLE

- ☐ Location of single drillhole, with reference number
- ☐ Location of closely spaced group of drillholes, with reference number
- ☐ Drillhole, exact location uncertain, with reference number
- ☐ Property with underground drillholes in this general area, with reference number
- ☐ Property with drillholes which have not been plotted on map, with reference number
- ☐ Reverse circulation drillhole; churn drilling, with reference number



LECLAIRE TP

DUNPHY TP

47'00"

Soderston

Cr.

①
Cu

Davies

Lake

Soderston